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**05 SEP 2006**  
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September 5, 2006

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/JP2005/004138  
-filed March 3, 2005

Re: Application of Masato KOBAYAKAWA; Hideki TOMOZAWA and Hisayuki  
MIKI  
GALLIUM NITRIDE-BASED SEMICONDUCTOR DEVICE  
Assignee: **SHOWA DENKO K.K.**  
Our Ref: Q80400

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the International Application.
- ☒ two (2) sheets of drawings (Figs. 1-3).
- ☒ an Information Disclosure Statement and a copy of the ISR.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR references.
- ☒ a copy of each reference cited in the ISR.
- ☒ a Preliminary Amendment.
- ☒ Notification Concerning Submission or Transmittal of Priority Document.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).



**Sughrue**

SUGHRUE MION, PLLC

**10/591584**  
**IAP9 Rec'd PCT/PTO 05 SEP 2006**

National Stage of PCT/JP2005/004138

Attorney Docket No. Q80400

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The Government filing fee, after entry of the Preliminary Amendment, is calculated as follows:

Total claims	<u>8</u>	-	20	=		x	\$50.00	=	<u>\$0.00</u>
Independent claims	<u>1</u>	-	3	=		x	\$200.0	=	<u>\$0.00</u>
							0		
Base Fee									<u>\$300.00</u>
Search Fee*									<u>\$400.00</u>
Examination Fee*									<u>\$200.00</u>
<b><u>TOTAL FEE</u></b>									<u><b>\$900.00</b></u>

\* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

A check for the statutory filing fee of \$900.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority / Benefit is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2004-060585	March 4, 2004
U.S. Provisional	60/553,429	March 16, 2004

**Since the 30 month due date for National Stage entry fell on Monday, September 4, 2006 (a Federal Holiday within the District of Columbia), the filing of this application on Tuesday, September 5, 2006 is sufficient to obtain the benefit of the filing date of the PCT application.**

Respectfully submitted,

Abraham J. Rosner  
 Registration No. 33,276

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: September 5, 2006